

## WHAT IS CLAIMED IS:

1. An internal combustion engine comprising:
  - a head for multiple engine cylinders,
  - an intake manifold assembled to the head,
  - separate fuel and air manifolds cooperatively defined between confronting surfaces of the head and the intake manifold for conveying fuel and air to the cylinders, and
  - a leak groove in one of the confronting surfaces between the fuel manifold and the air manifold for shunting away from the air manifold any fuel leaking from the fuel manifold between the confronting surfaces toward the air manifold.
2. An engine as set forth in Claim 1 wherein the leak groove is in the confronting surface of the intake manifold.
3. An engine as set forth in Claim 1 wherein the leak groove is in the confronting surface of the head.
4. An engine as set forth in Claim 1 wherein the leak groove comprises respective leak grooves in both confronting surfaces.
5. An engine as set forth in Claim 4 including a seal having two endless loops for sealing around the fuel manifold and the air manifold respectively between the confronting surfaces, wherein the two loops share a common run that covers both respective leak grooves.

6. An internal combustion engine comprising:

a head for multiple engine cylinders comprising multiple fuel ports, each of which serves to convey fuel to at least one cylinder, and multiple air ports, each of which serves to convey air to at least one cylinder,

an intake manifold assembled to the head and comprising a walled hollow interior space bounded by a perimeter that is fit to a surface of the head containing the air ports so that the hollow interior space forms a runnerless air manifold for the air ports,

the intake manifold further comprising a fuel manifold defined by a bore running lengthwise of the intake manifold and holes that communicate with the bore at spaced apart locations along the length of the bore for conveying fuel from the bore to the fuel ports in the head.

7. An engine as set forth in Claim 6 wherein the perimeter of the intake manifold and the head comprise respective confronting surfaces between which a seal is sandwiched, the seal comprising two endless loops for sealing respectively around the air manifold and around a zone of the confronting surface of the intake manifold that contains the holes for conveying fuel from the bore to the fuel ports in the head.

8. An engine as set forth in Claim 7 wherein the two endless loops of the seal comprise two separate seals.

9. An engine as set forth in Claim 7 wherein the two endless loops of the seal comprise a single seal in which the two loops share a common run.